

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method of handling calls in a telecommunication system comprising subscribers and network elements, comprising:

storing in the system subscriber information including service definitions of a second subscriber;

establishing connections to the second subscriber via a network element having access to the subscriber information of the second subscriber;

allowing a first subscriber to define in his subscriber information that his incoming calls are to be forwarded to ~~another~~ the second subscriber; ~~and~~

indicating the forwarding of a call and a caller's identity in a call establishment signaling;

~~characterized in that the method further comprises:~~

allowing the second subscriber to define a set of caller identities in the subscriber information for defining allowed caller identities, said allowed caller identities being either those included in or excluded from the set,

determining whether the caller identity of an incoming forwarded call belongs to the allowed identities by comparing the caller identity with said set of caller identities, in response to receiving the call establishment signaling in the network element,

continuing to establish the incoming forwarded call if the caller identity belongs to the allowed identities,

rejecting the incoming forwarded call if the caller identity does not belong to the allowed identities.

2. (Previously Amended) A method according to claim 1 in which the subscriber defines the set of caller identities.

3. (Previously Amended) A method according to claim 1 in a system, using a call forwarding counter in the call establishment signaling, in response to receiving call establishment signaling requesting establishment of a call from a calling subscriber to a first subscriber and determining that the first subscriber has forwarded said first subscriber's calls to a second subscriber, the call is forwarded to the second subscriber, and the value of the call forwarding counter is incremented,

determining whether the call has been forwarded, the value of the call forwarding counter indicated in the call establishment signaling is compared to a predefined value, and if the value of the call forwarding counter exceeds the predefined value, the call is determined to be a forwarded one.

4. (Currently Amended) A method according to claim 1, ~~characterized in that~~ wherein callers, whose calls are to be rejected, are defined by the set of caller identities.

5. (Currently Amended) A method according to claim 1, ~~characterized by~~ the method further comprising:

defining the set of caller identities by callers whose calls are to be accepted, and rejecting calls whose caller identity does not belong to said set.

6. (Currently Amended) A method according to claim 1, ~~characterized by accepting calls~~ wherein calls are accepted from an unknown caller number.

7. (Currently Amended) A method according to claim 1 in a system further comprising an intelligent network capable of storing subscriber information, ~~characterized in that~~ the method further comprising:

in the network element, the event of receiving a forwarded incoming call to a subscriber having determined said subscriber's forwarded incoming calls to be rejected is defined to be a trigger for sending a query to the intelligent network, and in response to having received the request to establish a call to a subscriber and having determined that the call has been forwarded and the subscriber has determined said forwarded incoming calls to be rejected, a query having the calling party's number as a parameter is sent to the intelligent network, and

in the intelligent network, a set of allowed calling numbers in the subscriber information is stored and in response to having received said query sent by the network element, the set of allowed calling numbers is retrieved from the subscriber information, the calling party number is compared to the set, and the network element is instructed to continue a call establishment procedure if the calling party number belongs to the set of allowed calling numbers and to reject the incoming call if the calling number does not belong to the set.

8. (Currently Amended) A method according to claim 1 in a fixed network comprising a local exchange to which the subscriber is connected ~~to, characterized in that wherein~~ the network element is a local exchange and the subscriber information is stored in a database the local exchange is connected to.

9. (Currently Amended) A method according to claim 1, wherein the method is executed in a mobile telecommunication system comprising
a mobile services switching center serving the subscriber, and a visitor location register connected to the mobile services switching center,
~~characterized in that wherein~~ the subscriber information is stored in the visitor location register and the network element is the mobile services switching center.

10. (Currently Amended) A method according to claim 1, wherein the method is executed in a mobile telecommunication system comprising
a home location register storing the subscriber information of a subscriber, and
a gateway mobile services switching center via which an incoming calls of the subscriber are routed,
~~characterized in that wherein~~ the subscriber information is stored in the home location register and the network element is the gateway mobile services switching center.

11. (Currently Amended) A method according to claim 1, ~~characterized in that wherein~~ to determine whether a call has been forwarded, the presence of a forwarding number indicating the identity of the party having forwarded is studied, and if the forwarding number is present, the call is determined to be forwarded.

12. (Currently Amended) A telecommunication system comprising:

exchanges;

subscribers;

means for storing subscriber information including information about the service definitions of a second subscriber;

means for establishing calls to ~~a~~the second subscriber via an exchange having access to the subscriber information of the second subscriber;

means for allowing a first subscriber to define in his subscriber information that his incoming calls are to be forwarded to ~~another~~ the second subscriber; ~~and~~

storing means for storing a set of caller identities in the subscriber information of the second subscriber for defining a set of allowed caller identities, said allowed caller identities being either those included in or excluded from the set;

means for allowing said second subscriber to define said set of calling entities;

means for indicating in the call establishment signaling the forwarding of a call, and a caller identity, ~~characterized in that the system further comprises:~~

~~storing means for storing a set of caller identities in the subscriber information for defining allowed caller identities, said allowed caller identities being either those included in or excluded from the set;~~

~~means for allowing the subscriber to define said set of calling identities;~~

determining means for determining whether the caller identity of an incoming forwarded call belongs to the allowed identities by comparing the caller identity with said set of caller identities, in response to receiving the call establishment signaling in the network element;

continuing means for continuing establishing the incoming forwarded call if the caller identity belongs to the allowed identities; and

rejecting means for rejecting the incoming forwarded call if the caller identity does not belong to the allowed identities.

13. (Currently Amended) A telecommunication system according to claim 12, ~~characterized in that~~ wherein the determining means is arranged to verify the forwarding of a call using a call forwarding counter.

14. (Currently Amended) A telecommunication system according to claim 13, ~~characterized in that~~ the system further comprising ~~has a~~ configuration means for configuring the subscriber information stored in the storing means.

15. (Currently Amended) A network element for a telecommunication system having:

exchanges;

subscribers;

means for storing subscriber information including information about the service definitions of a second subscriber;

means for establishing calls to a the second subscriber via an exchange having access to the subscriber information of the second subscriber;

means for allowing a first subscriber to define in his subscriber information that his incoming calls are to be forwarded to ~~another~~ the second subscriber;

storing means for storing a set of caller identities in the subscriber information of the second subscriber for defining allowed caller identities, said allowed caller identities being either those included in or excluded from the set;

means for allowing the subscriber to define said set of calling identities; and

means for indicating in the call establishment signaling the forwarding of a call, and a caller identity, ~~characterized in the that the network element comprises:~~

~~storing means for storing a set of caller identities in the subscriber information for defining allowed caller identities, said allowed caller identities being either those included in or excluded from the set;~~

~~means for allowing the subscriber to define said set of calling identities;~~

determining means for determining whether the caller identity of an incoming forwarded call belongs to the allowed identities by comparing the caller identity with said set of caller identities, in response to receiving the call establishment signaling in the network element;

continuing means for continuing establishing the incoming forwarded call if the caller identity belongs to the allowed identities; and

rejecting means for rejecting the incoming forwarded call if the caller identity does not belong to the allowed identities.

16. (Currently Amended) A network element according to claim 15, ~~characterized in that wherein~~ a call forwarding counter is used for verifying the forwarding of call.

17. (Currently Amended) A home location register for a mobile telecommunication system comprising:

exchanges;

subscribers;

means for storing subscriber information including information about the service definitions of a second subscriber;

means for establishing calls to a the second subscriber via an exchange having access to the subscriber information of the second subscriber;

means for allowing a first subscriber to define in his subscriber information that his incoming calls are to be forwarded to ~~another~~ the second subscriber;

storing means for storing a set of caller identities in the subscriber information of the second subscriber for defining allowed caller identities, said allowed caller identities being either those included in or excluded from the set;

means for allowing the second subscriber to define said set of caller identities;~~and~~

means for indicating in the call establishment signaling the forwarding of a call, and a caller identity, ~~characterized in that the home location register comprises:~~

~~storing means for storing a set of caller identities in the subscriber information for defining allowed caller identities, said allowed caller identities being either those included in or excluded from the set;~~

~~means for allowing the subscriber to define said set of caller identities;~~

determining means for determining whether the caller identity of an incoming forwarded call belongs to the allowed identities by comparing the caller identity with said set of caller identities, in response to receiving the call establishment signaling in the network element;

continuing means for continuing establishing the incoming forwarded call if the caller identity belongs to the allowed identities; and

rejecting means for rejecting the incoming forwarded call if the caller identity does not belong to the allowed identities.